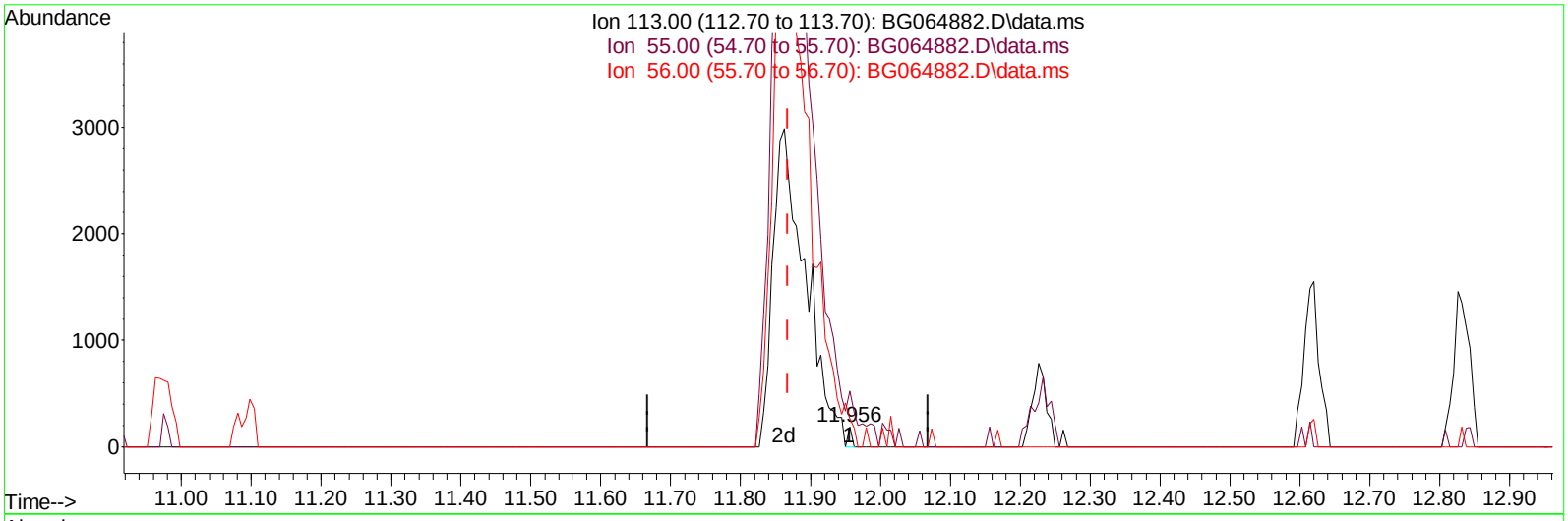
Quantitation Report (Qedit)

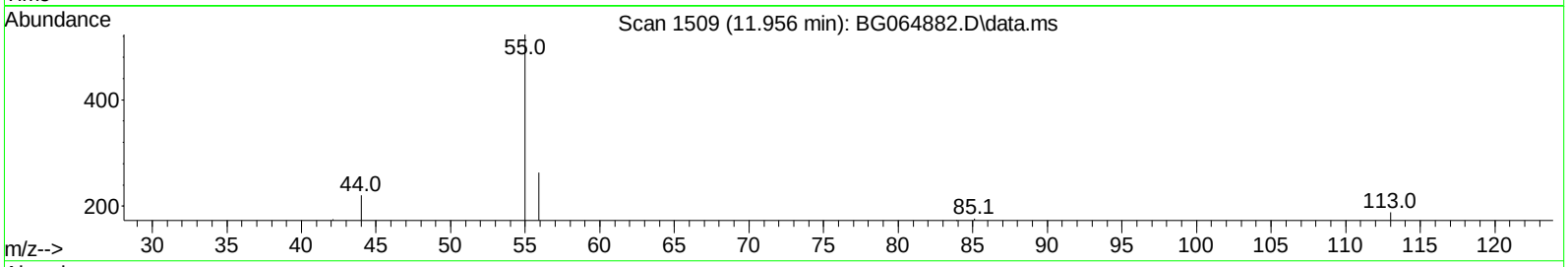
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064882.D
Acq On : 26 Nov 2025 6:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

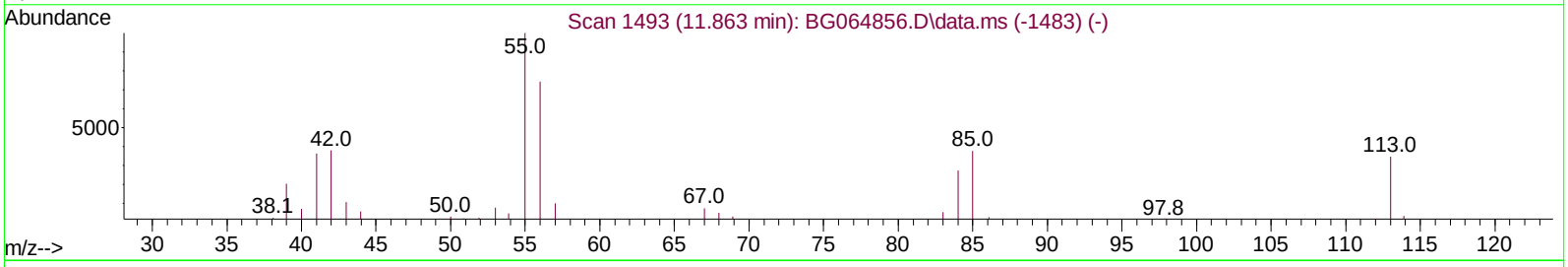
Quant Time: Nov 26 08:35:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020456

Manual Integrations APPROVED
mohammad
12/3/2025 1:12:48 AM







TIC: BG064882.D\data.ms

(34) Caprolactam

11.956min (+ 0.088) 0.12 ng/ul

response 66

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	278.19
56.00	159.40	139.89
0.00	0.00	0.00

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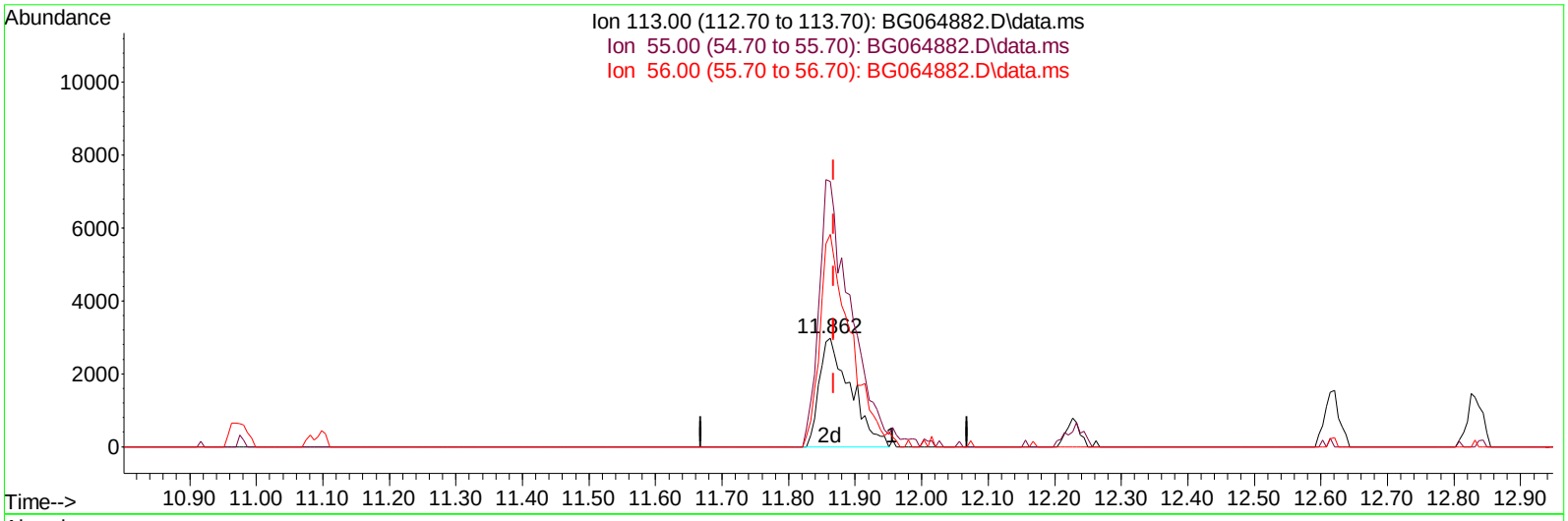

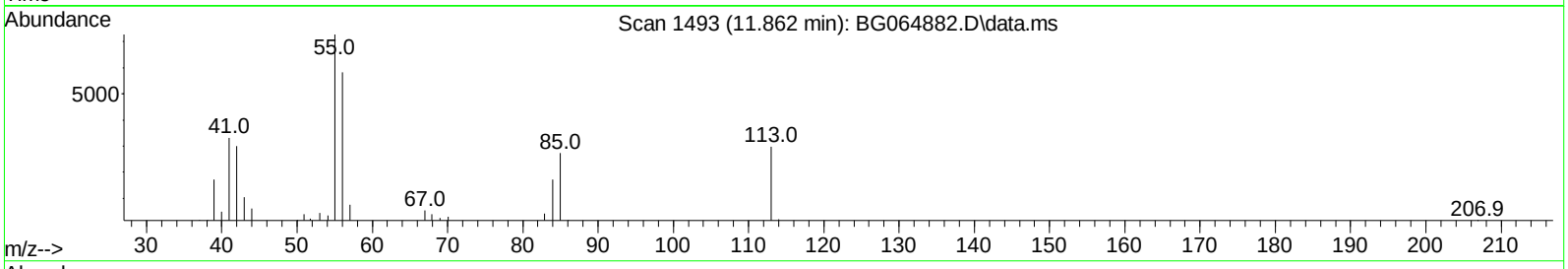

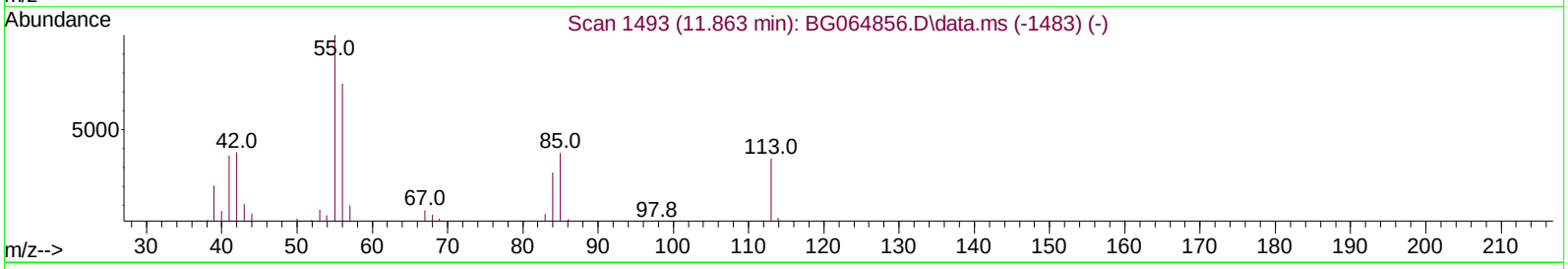

TIC: BG064882.D\data.ms

(34) Caprolactam

11.862min (-0.006) 17.92 ng/ul m

response 9701

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	243.44
56.00	159.40	195.18#
0.00	0.00	0.00

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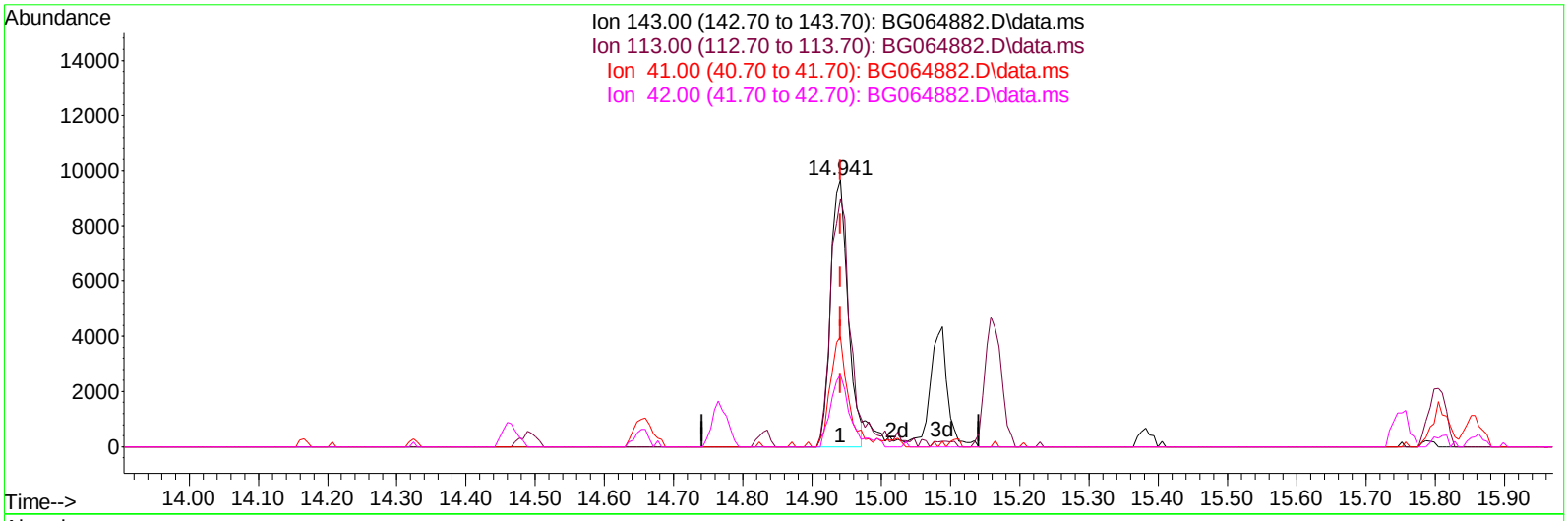

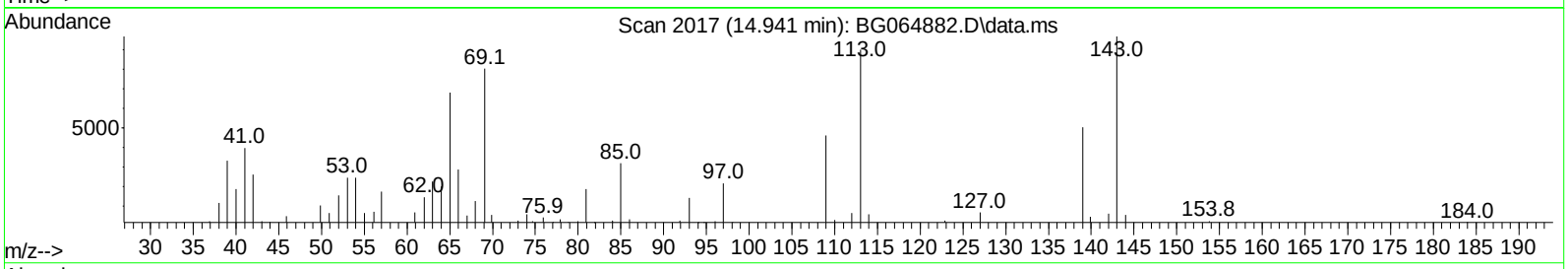

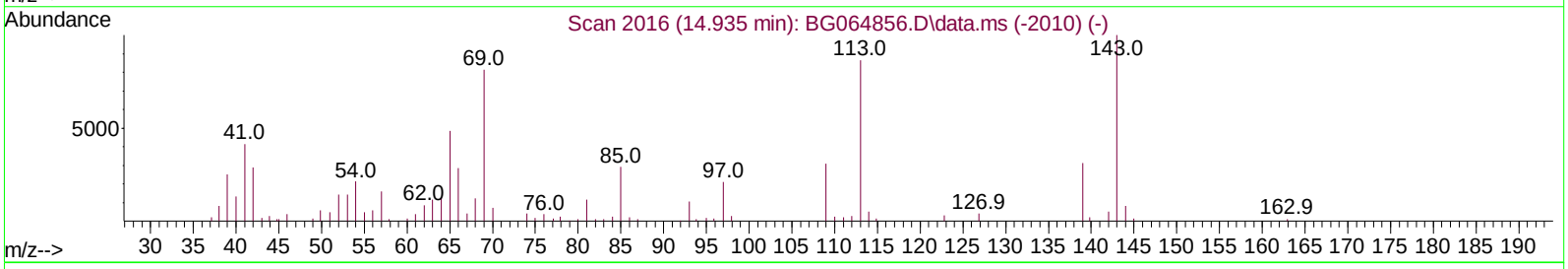

TIC: BG064882.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.941min (+ 0.000) 17.49 ng/ul

response 16731

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	90.10	93.04
41.00	40.40	41.06
42.00	23.60	27.02

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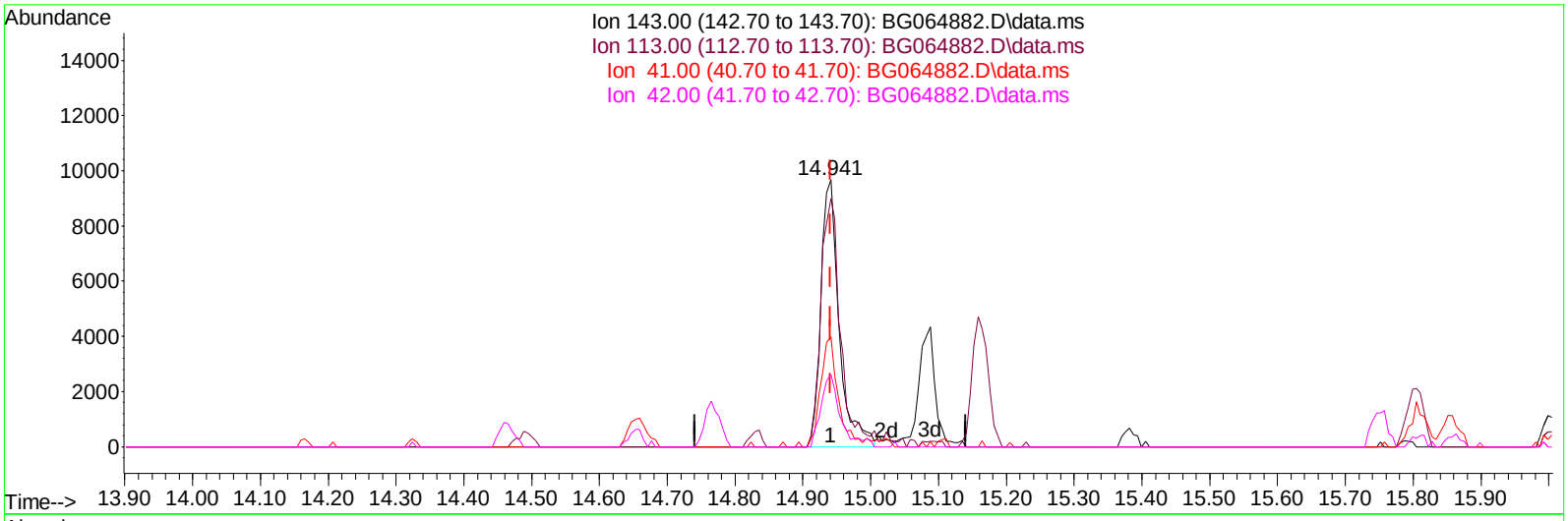

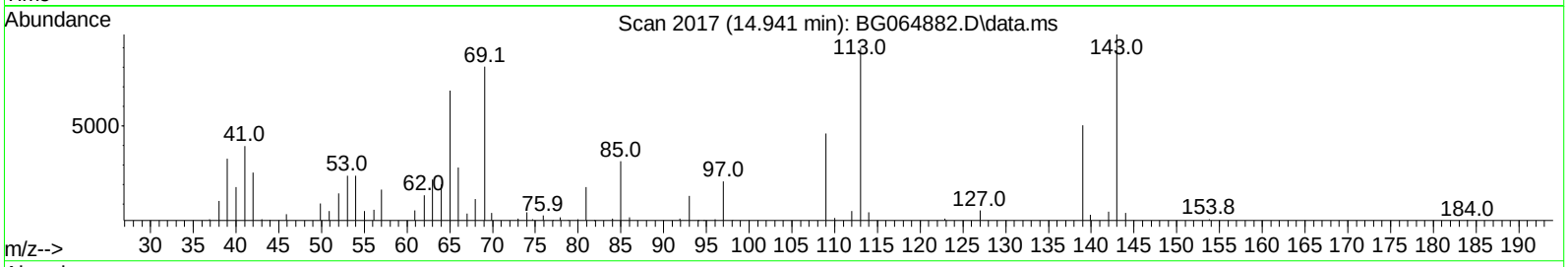

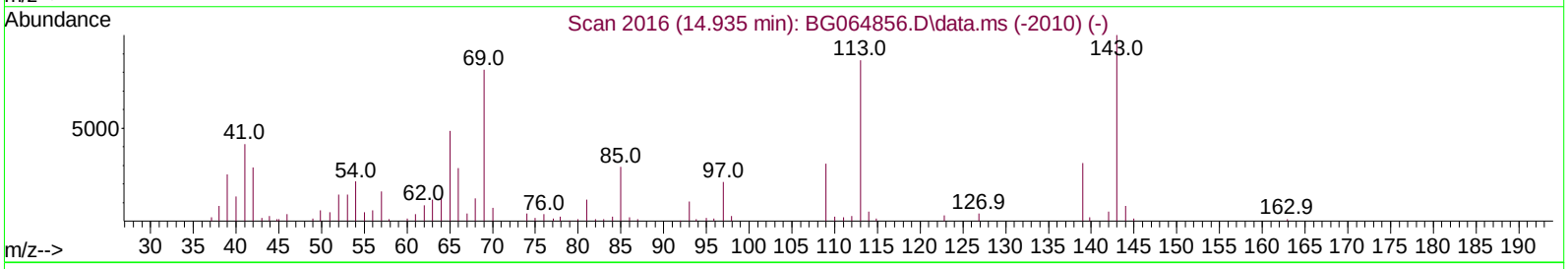

TIC: BG064882.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.941min (+ 0.000) 18.83 ng/ul m

response 18009

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	90.10	93.04
41.00	40.40	41.06
42.00	23.60	27.02

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Sample : SSTDCCC020
Misc :
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Quant Time: Nov 26 08:38:05 2025
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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	23342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	89916	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.771	164	80198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.497	188	210331	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.745	240	269430	20.000	ng/ul	# 0.00
88) Perylene-d12	25.000	264	305050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	3882	6.592	ng/uL	0.00
4) Pyridine-d5	3.913	84	24538	15.122	ng/ul	0.00
7) Phenol-d5	7.303	99	34042	18.091	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	18945	15.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.685	132	28815	20.200	ng/ul	0.00
15) 4-Methylphenol-d8	8.854	113	30084	18.550	ng/ul	0.00
21) Nitrobenzene-d5	9.318	128	14570	21.484	ng/ul	0.00
24) 2-Nitrophenol-d4	10.047	143	18034	22.388	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	38346	23.089	ng/ul	0.00
31) 4-Chloroaniline-d4	11.098	131	42261	19.908	ng/ul	0.00
46) Dimethylphthalate-d6	14.165	166	130829	20.739	ng/ul	0.00
49) Acenaphthylene-d8	14.465	160	139982	20.720	ng/ul	0.00
54) 4-Nitrophenol-d4	14.941	143	18009m	18.830	ng/ul	0.00
60) Fluorene-d10	15.752	176	120179	21.220	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.858	200	26947	20.011	ng/ul	0.00
73) Anthracene-d10	17.597	188	218354	20.545	ng/ul	0.00
81) Pyrene-d10	19.865	212	281898	20.369	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.777	264	332267	20.645	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	3839	5.635	ng/uL	82
5) Pyridine	3.930	79	25375	14.282	ng/ul	90
6) Benzaldehyde	7.279	77	21904	23.701	ng/ul	89
8) Phenol	7.326	94	34663	17.647	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.561	93	24493	16.861	ng/ul	90
12) 2-Chlorophenol	7.714	128	28962	19.170	ng/ul	95
13) 2-Methylphenol	8.590	108	28579	18.379	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.684	45	52369	17.171	ng/ul#	97
16) Acetophenone	8.977	105	48433	18.156	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.960	70	22586	17.650	ng/ul	93
18) 4-Methylphenol	8.913	108	30409	17.825	ng/ul	86
19) Hexachloroethane	9.254	117	12785	18.962	ng/ul	98
22) Nitrobenzene	9.359	77	34949	20.064	ng/ul	97
23) Isophorone	9.882	82	65724	19.261	ng/ul#	95
25) 2-Nitrophenol	10.076	139	17568	20.745	ng/ul#	77
26) 2,4-Dimethylphenol	10.129	107	38761	21.250	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.364	93	35123	18.353	ng/ul	98
29) 2,4-Dichlorophenol	10.617	162	34407	22.213	ng/ul	97
30) Naphthalene	11.022	128	104160	20.157	ng/ul	97
32) 4-Chloroaniline	11.122	127	42598	19.715	ng/ul	99
33) Hexachlorobutadiene	11.316	225	41382	25.470	ng/ul	99
34) Caprolactam	11.862	113	9701m	17.924	ng/ul	
35) 4-Chloro-3-methylphenol	12.232	107	37252	22.085	ng/ul	95

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.614	142	83734	21.624 ng/ul	89
37) 1-Methylnaphthalene	12.832	142	79526	20.982 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.979	216	71369	23.163 ng/ul	92
40) Hexachlorocyclopentadiene	12.961	237	47201	22.112 ng/ul	94
41) 2,4,6-Trichlorophenol	13.208	196	38670	22.703 ng/ul	96
42) 2,4,5-Trichlorophenol	13.284	196	40531	22.584 ng/ul	94
43) 1,1'-Biphenyl	13.607	154	116421	20.620 ng/ul#	98
44) 2-Chloronaphthalene	13.654	162	92013	20.759 ng/ul	97
45) 2-Nitroaniline	13.842	65	27501	20.871 ng/ul	90
47) Dimethylphthalate	14.212	163	133332	20.711 ng/ul	99
48) 2,6-Dinitrotoluene	14.330	165	25668	21.729 ng/ul	98
50) Acenaphthylene	14.494	152	158353	20.487 ng/ul	98
51) 3-Nitroaniline	14.659	138	21550	21.034 ng/ul	96
52) Acenaphthene	14.829	153	103189	20.360 ng/ul	98
53) 2,4-Dinitrophenol	14.859	184	12009	17.287 ng/ul#	82
55) 4-Nitrophenol	14.953	109	19981	22.600 ng/ul#	80
56) Dibenzofuran	15.164	168	163023	21.073 ng/ul	100
57) 2,4-Dinitrotoluene	15.111	165	39391	21.918 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.382	232	48101	23.668 ng/ul#	94
59) Diethylphthalate	15.564	149	127703	20.198 ng/ul	98
61) Fluorene	15.805	166	126844	20.903 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.793	204	83932	22.681 ng/ul	98
63) 4-Nitroaniline	15.805	138	23137	21.933 ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.869	198	25532	19.509 ng/ul	94
67) N-Nitrosodiphenylamine	16.004	169	113863	20.144 ng/ul	98
68) 4-Bromophenyl-phenylether	16.686	248	63710	22.721 ng/ul	92
69) Hexachlorobenzene	16.809	284	77166	22.684 ng/ul#	93
70) Atrazine	16.939	200	57998	21.445 ng/ul	97
71) Pentachlorophenol	17.150	266	37018	19.597 ng/ul	95
72) Phenanthrene	17.538	178	233791	19.879 ng/ul	99
74) Anthracene	17.632	178	240860	20.417 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.578	216	71063	22.473 ng/ul	96
76) Pentachlorobenzene	15.088	250	81426	22.666 ng/ul	100
77) Carbazole	17.890	167	190250	19.775 ng/ul	98
78) Di-n-butylphthalate	18.443	149	212391	19.087 ng/ul	99
80) Fluoranthene	19.530	202	311145	20.071 ng/ul#	93
82) Pyrene	19.894	202	326105	20.154 ng/ul#	94
83) Butylbenzylphthalate	20.758	149	100625	18.831 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.633	252	133770	23.315 ng/ul#	97
85) Benzo(a)anthracene	21.727	228	375666	20.797 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.621	149	142404	18.019 ng/ul	97
87) Chrysene	21.792	228	357106	20.425 ng/ul	99
89) Di-n-octyl phthalate	22.843	149	247210	17.783 ng/ul	100
90) Benzo(b)fluoranthene	23.960	252	386772	20.593 ng/ul#	99
91) Benzo(k)fluoranthene	24.030	252	389765	20.281 ng/ul	95
93) Benzo(a)pyrene	24.841	252	371345	20.788 ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.713	276	473734	20.643 ng/ul#	96
95) Dibenzo(a,h)anthracene	28.778	278	381428	20.603 ng/ul#	97
96) Benzo(g,h,i)perylene	29.871	276	381933	20.618 ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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